



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

136 Main Street, Suite 401  
New Britain, Connecticut 06051-4225  
Phone: 827-7682

FILE  
COPY

May 24, 1994

Peter J. Tyrrell, Senior Attorney  
Springwich Cellular Limited Partnership  
227 Church Street  
New Haven, CT 06510

RE: Springwich Cellular Limited Partnership notice of intent to modify an existing telecommunications tower and associated equipment located at 419 Broad Street in Windsor, Connecticut.

Dear Attorney Tyrrell:

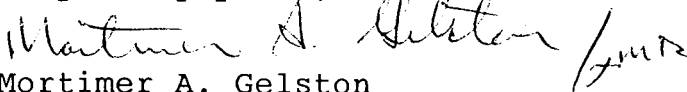
At a meeting held May 23, 1994, the Connecticut Siting Council (Council) acknowledged your notice of an exempt modification at an existing tower site located at 419 Broad Street in Windsor, Connecticut, pursuant to section 16-50j-73 of the Regulations of State Agencies (RSA).

The proposed modification is to be implemented as specified in your notice dated May 13, 1994. The modification is in compliance with the exception criteria in RSA section 16-50j-72(b) as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by 6 decibels, and increase the total radio frequency electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to section 22a-162 of the Connecticut General Statutes.

The Council is pleased to note that the shared use of an existing tower serves the Council's long-term goal of protecting the public interest and avoiding proliferation of additional unnecessary tower structures.

Please notify the Council when all work is complete.

Very truly yours,

  
Mortimer A. Gelston  
Chairman

MAG:RKE:mmb

cc: Hon. Albert G. Ilg, Town Manager, Town of Windsor  
Hon. Brian T. Griffin, Mayor, Town of Windsor  
Hon. William Donegan, First Selectman, Town of Windsor

7901E 5

Springwich Cellular Limited Partnership  
227 Church Street  
New Haven, Connecticut 06510  
Phone (203) 771-7381



Peter J. Tyrrell  
Senior Attorney

May 13, 1994

Mr. Mortimer A. Gelston, Chairman  
Connecticut Siting Council  
136 Main Street, Suite 401  
New Britain, CT 06051

RECEIVED  
MAY 13 1994

CONNECTICUT  
SITING COUNCIL

Dear Chairman Gelston:

Enclosed please find a Notice of Intent to Modify an Exempt Tower and Associated Equipment for facilities owned and operated by the Southern New England Telephone Company (SNET) located at 419 Broad Street in Windsor, Connecticut.

The Springwich Cellular Limited Partnership (SCLP) proposes to add antennas to an existing monopole tower and place equipment within the existing SNET building, to be used in providing cellular telecommunications services.

The attached pages detail the required information. As is shown in the attachment, the proposed addition meets all the necessary criteria established in the Regulations of Connecticut State Agencies Section 16-50j-72(b)(2), and is thus an exempt facility pursuant to Section 16-50j-73.

Please record me as counsel for SCLP in this matter and in all correspondence from the Council.

Thank you for your cooperation.

Very truly yours,

A handwritten signature in blue ink that reads "Peter J. Tyrrell".

Copy to: Honorable Albert G. Ilg, Town Manager, Town  
of Windsor, Town Hall, 275 Broad Street, Windsor,  
CT 06095

Honorable Brian T. Griffin, Mayor, Town of Windsor

Honorable William Donegan, First Selectman, Town of  
Windsor

## WINDSOR

Pursuant to Section 16-50i(a)(5) of the Connecticut General Statutes and Section 16-50j-72(b)(2), as amended, of the Regulations of Connecticut State Agencies, the Springwch Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by adding cellular service antennas to an existing monopole tower and associated radio equipment within an existing building. The site is located at 419 Broad Street in Windsor, Connecticut.

### BACKGROUND

The proposed location is at the SNET Windsor Central Office site. This 25 foot tall one story building contains the equipment required to provide local telephone exchange service to the residents of Windsor.

Adjacent to the building is an existing 100 foot monopole tower with a 15 foot whip style antenna on top. This structure was constructed in approximately 1971 and predates the Siting Council's tower list. This facility provides internal company vehicle to vehicle communications within the greater Windsor area.

### DISCUSSION

SCLP proposes to add two 6 foot tall cellular whip antennas on short stand-off brackets below the existing antenna, in order to supplement its cellular coverage in the downtown Windsor area and along nearby Routes 5, 159 and I-91. The proposed additional antennas will not increase the overall height of the existing tower nor will they be very visible from ground level, as can be seen on the attached tower profile.

The cellular equipment required to operate these antennas will be contained within a 12 foot x 16 foot area of the first floor of the existing Central Office building, as shown on the attached floor plan.

The power density in the mobile and cellular frequency bands is set forth below. The levels shown indicate the total power density in milliwatts per square centimeter, and have been calculated at a distance of 25 feet from the base of the tower.

<u>Service</u>	<u>Power Density</u>	<u>Connecticut Standard</u>	<u>Percent of Standard</u>
Mobile Radio	0.0046	0.2000	2.30
Cellular	0.2907	0.5867	49.55

The current Connecticut (and ANSI) power density level standards for non-ionizing radiation are shown above. The levels demonstrated in this case are well below the standard levels.

#### CONCLUSION

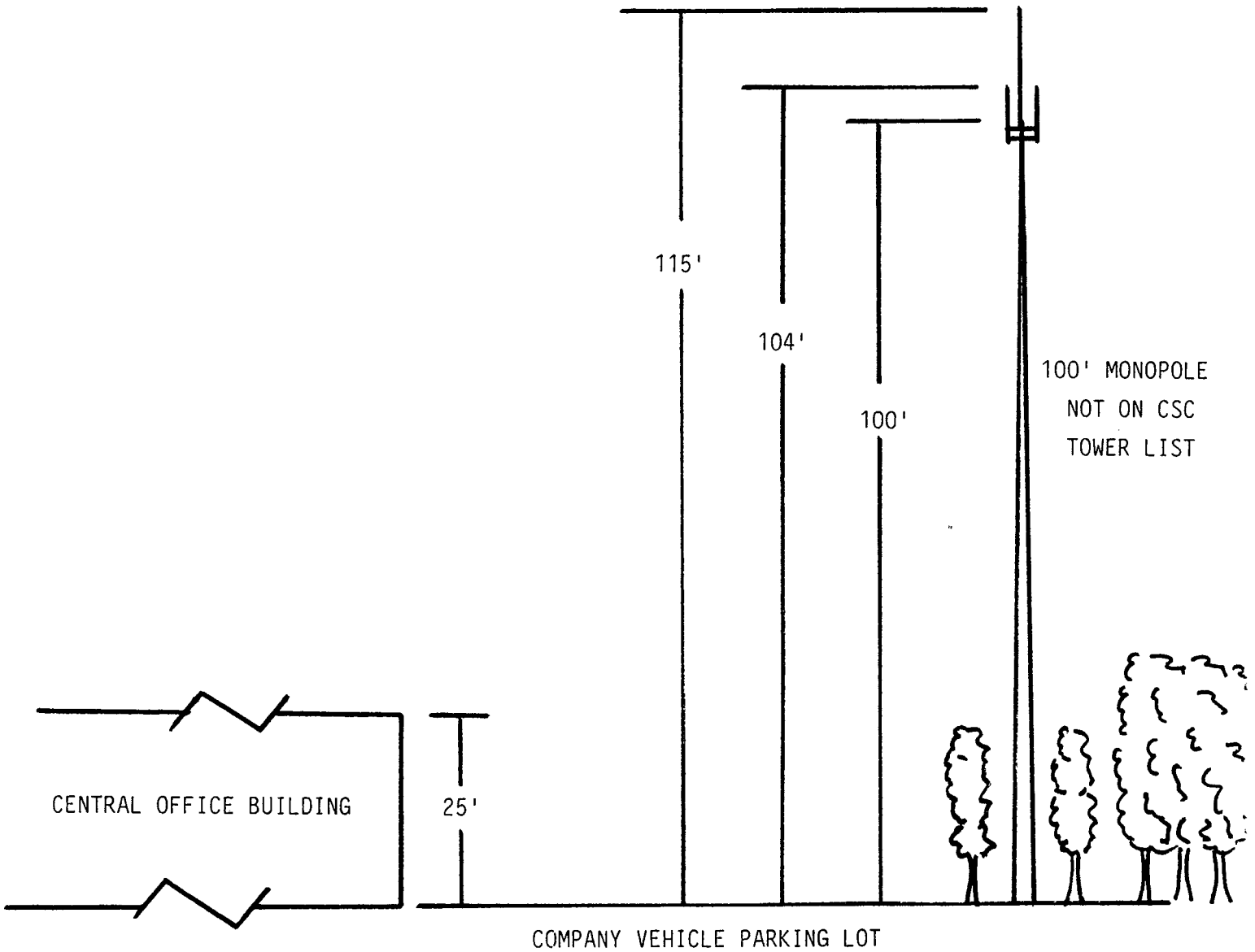
The proposed addition does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes Section 16-50i(d). This is because there is no change in the tower's height. There is no extension of the boundaries of the site. There will be no increase in noise levels at the site's boundary by six decibels or more, and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. This addition will not have a substantially adverse environmental effect.

For the reasons discussed above, SCLP requests that the Council acknowledge that this Notice of Modification meets the Council's exemption criteria.

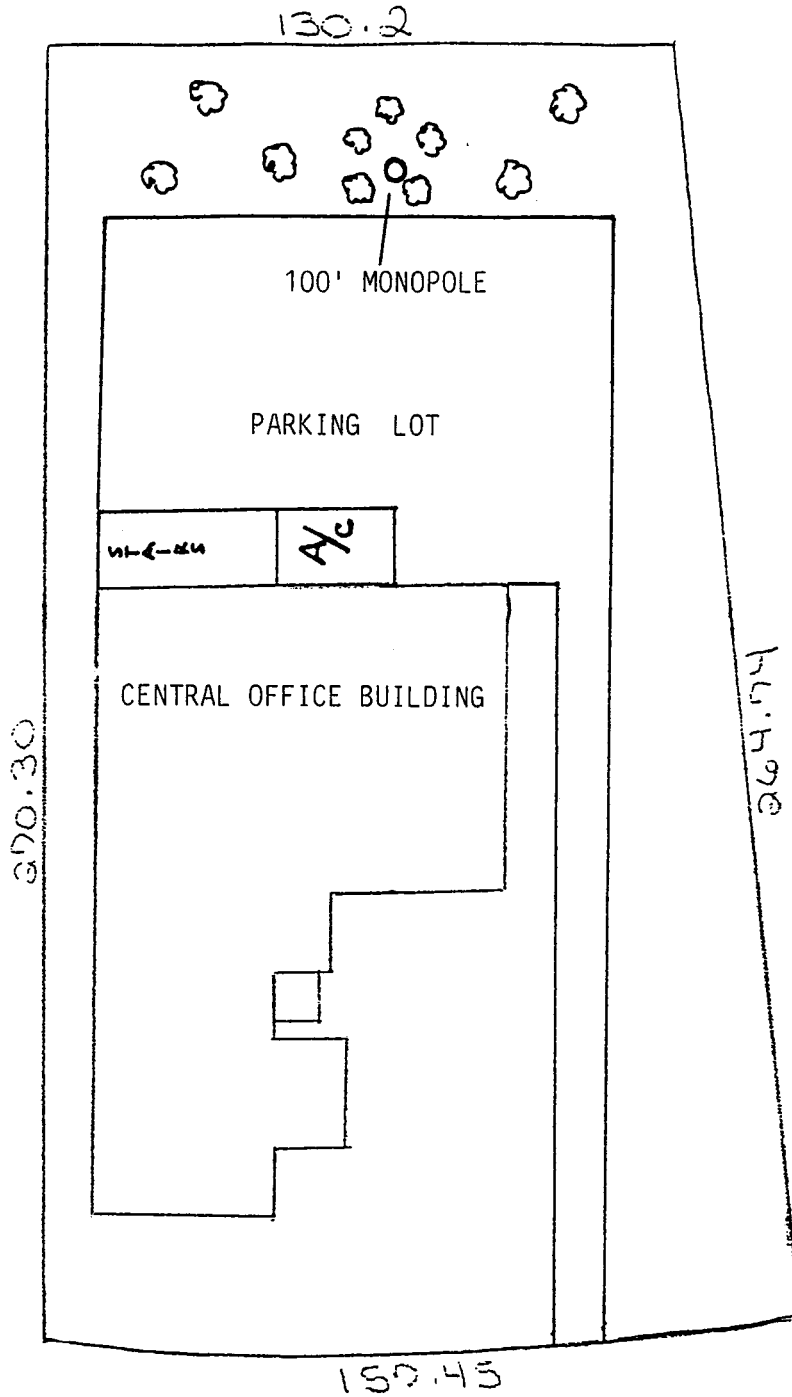
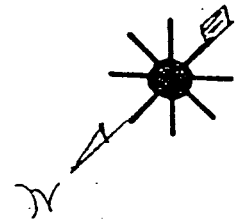
SOUTHERN NEW ENGLAND TELEPHONE

WINDSOR CENTRAL OFFICE

419 BROAD STREET



BUILDING HEIGHT 25'  
MONOPOLE PLUS EXISTING ANTENNA 115'  
CELLULAR ANTENNAS 104'  
MONOPOLE STRUCTURE 100'



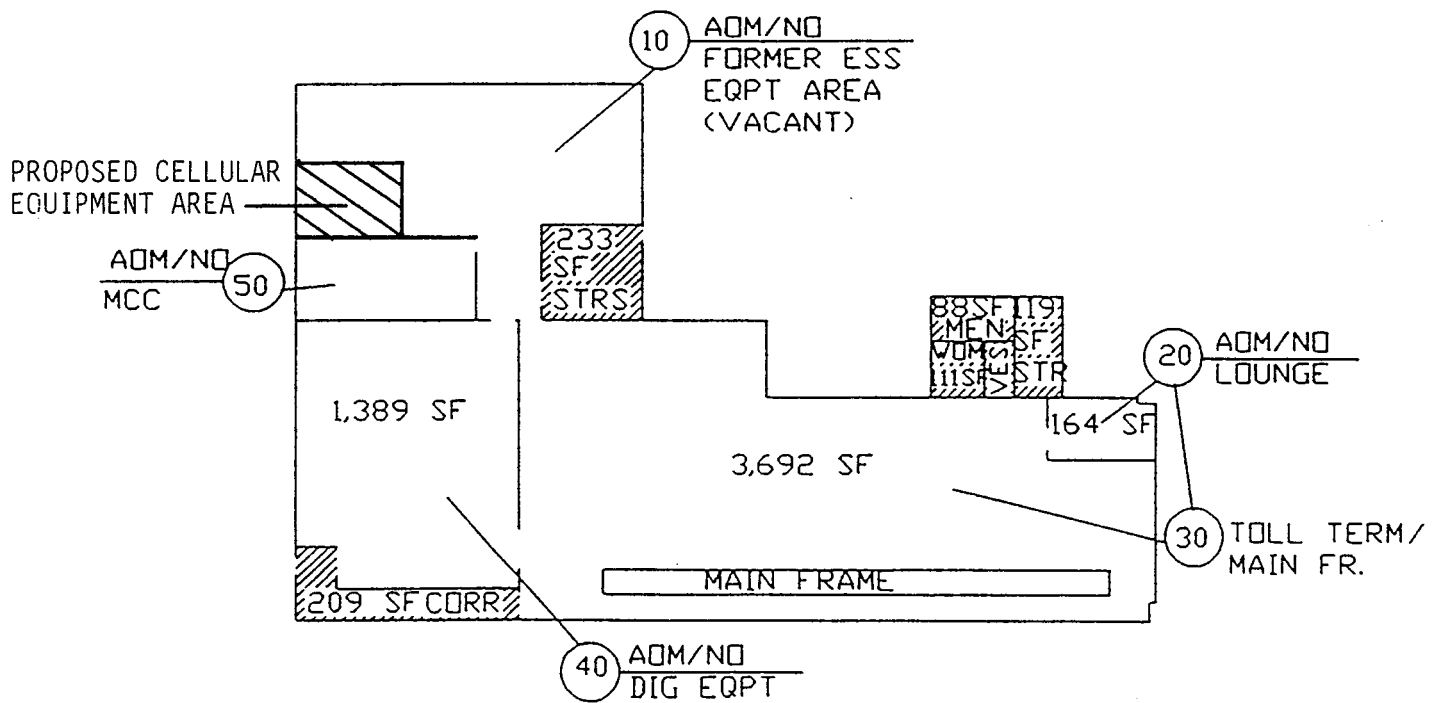
WINDSOR- C.O.

BUILDING ENGINEERING DEPARTMENT

419 BROAD STREET  
PLOT FLOOR PLAN

ASSIGN AREA  
GROSS AREA  
SCALE 1"=40'

ISSUED 3-17-65  
REVISED 7-27-79  
ENG'R B.B.M.



BLDG: WINDSOR C.O.

ADDRESS: 419 BROAD ST.

FLOOR: First

SNET BUILDINGS AND REAL ESTATE

ASSIGN AREA: 6,973 SF

GROSS AREA: 7,733 SF

RNTBL. AREA -

SCALE: 1" = 30'

ISSUED: 7-24-69

REVISED: 9-3-93

ENGR.: NMA

REC: 2-5151